Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 20 Oct 2023 until 23:59 on Saturday 21 Oct 2023

Forecast Issued on Friday 20 Oct 2023 at 04:18

Confidence: Low for forecast details over the coming days.

Headline for Friday 20 Oct 2023: Very wet and windy Friday.

Mountain weather hazards on Friday 20 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
80%	80%	80%	80%	80%	70%

Forecast for Friday 20 Oct 2023

Weather: Heavy and persistent rain for much of the day as the impact of Storm Babet continue. Strong winds easterly winds throughout.

Chance of cloud-free hill tops above 600m: 20% in the east, 30% in the west.

Low Cloud and visibility: Cloud bases down to 300-500m for much of the day, perhaps occasionally lifting and breaking in the west to become more scattered around 400-600m. Visibility moderate to poor in rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 20 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/39 E	34/46 E	34/48 E	34/48 NE	32/46 NE	30/44 NE	28/41 NE
300	19/41 E	22/47 E	23/48 E	23/47 NE	22/45 NE	20/41 NE	18/38 NE
Valley	17/39 E	22/49 E	22/48 E	21/46 NE	18/40 NE	17/38 NE	17/38 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	7/1	6/-0	5/-1	5/-2	4/-2	4/-2
300	10/7	10/6	9/5	8/3	7/3	7/2	7/2
Valley	12/8	11/7	10/7	9/6	9/5	8/5	8/4
Freezing Level*	2500m	2600m	2100m	1400m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day at height with some persistent heavy rain likely and strong winds giving a risk of significant wind chill. A Met Office AMBER rain warning in force for much of the day. Forecast details also lower confidence than usual, makes sure to stay up to date with the latest forecast if heading out.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 20 Oct 2023	18.6mm	21mm	21mm

Forecast for Saturday 21 Oct 2023

Weather: Rain clearing slowly through the early hours and winds increasingly eases to give a cloudy start with some light rain during Saturday morning. Scattered showers with some brighter spells during the afternoon.

Maximum wind: North-easterly 15-20 mph gusting 25-35 mph during the early hours becoming westerly 15-20 mph gusting 25-30 mph into the afternoon.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 60% into the afternoon.

Low Cloud and visibility: Broken cloud base 400-600m at first, becoming increasingly scattered through the middle of the day. Visibility generally good outside of cloud, perhaps reducing to moderate in rain later.

Temperature: **Valleys:** Plus 7 rising to plus 12 Celsius
At 600m: Plus 4 rising to plus 8 Celsius
Freezing level: Above summits

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